

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A film recorder comprises comprising:
a film recording device configured to expose a sequential frames frame of film media;
at least one flat panel display device driven directly from a computer and configured to display at least one color component image associated with an image; and
an alignment unit coupled to the film recording device and to the display device, wherein the alignment unit is used operative to position an optical axis of the flat panel display device with respect to an optical axis of the film recording device such that the film recording device can expose the film media to the plurality of images so that registration of each color component of each pixel is positionally repeatable; and
a shutter mechanism in the film recording device for controlling exposure of the film media to each color component image in the same frame for a desired amount of time.
2. (Original) The film recorder of claim 1 further comprising an external illumination source configured to provide illumination to the one flat panel display;
wherein the external illumination source is one of the group: LED, strobe lamp, digital light projector.
3. (Original) The film recorder of claim 2
wherein the external illumination source comprises one or more digital light projectors; and
wherein the one or more digital light projectors project hex chromatic color space images.
4. (Currently amended) The film recorder of claim 2 1 further comprising:

a second flat panel display device driven directly from a computer and configured to display a second color component image associated with the image same frame;

a third flat panel display device driven directly from a computer and configured to display a third color component image associated with the image same frame; and

an optical combiner coupled to the one flat panel display, to the second flat panel display, and to the third flat panel display, the optical combiner configured to optically combine the first color component image, the second color component image, and the third color component image to form a composite image in the same frame.

5. (Previously presented) The film recorder of claim 4 wherein the film recording device exposes the frame of film media to the composite image.

6. (Currently amended) The film recorder of claim 5 ~~further comprising~~ wherein the one flat panel display is monochromatic.

7. (Original) The film recorder of claim 4 further comprising a color filter coupled between the external illumination source and the one flat panel display, wherein the color filter is a color associated with a color component of the one color component image.

8. (Currently amended) The film recorder of claim 2 1 wherein the one flat panel display is also configured to display sequentially the second color component image associated with the image same frame and to display sequentially the third color component image associated with the image same frame and wherein the film recording device is operative to expose the same frame to each of the color component images.

9. (Currently amended) The film recorder of claim 8 wherein the film recording device ~~exposes~~ is operative to expose the frame of film media to the one color component image, then to the second color component image, and then to the third color component image.

10. (Currently amended) The film recorder of claim 9 further comprising:

a plurality of color filters ~~configured to be~~ disposed between the one flat panel display and the frame of film media, wherein the plurality of color filters includes a first color filter, a second color filter, and a third color filter;

wherein the film recording device ~~exposes~~ is operative to expose the frame of film media to the first color component image through the first color filter; and

wherein the film recording device ~~exposes~~ is operative to expose the frame of film media to the second color component image through the second color filter; and

wherein the film recording device is operative to expose the frame of film media to the second color component image through the second color filter.

11. (Original) The film recorder of claim 1 wherein the one flat panel display is selected from the group: LCD, OLED display, plasma display, EL display.

12. (Currently amended) A method for recording a sequence of composite images consisting of color component images onto sequential frames of film media ~~comprises~~ comprising:

positioning at least one flat panel display driven directly from a computer with respect to an optical axis of a film recording unit;

displaying at least one color component image associated with ~~an image~~ a single frame on the one flat panel display; and

exposing the film media to the one color component image on the one flat panel display; and

repeating the displaying and exposing steps until a sequence of the single frames is registered such that registration of each color component of each pixel is positionally repeatable.

13. (Original) The method of claim 12 further comprising providing illumination to the one flat panel display with an external illumination source selected from the group: LED, strobe lamp, digital light projector.

14. (Original) The method of claim of claim 13
wherein the external illumination comprises more than one digital light projector;
and
wherein the more than one digital light projector illuminate the one flat panel
display with images in the RGB and CMY color space.

15. (Currently amended) The method of claim 14 12 wherein said repeating step further comprising comprises:
displaying a second color component image associated with the ~~image~~ single frame on the one flat panel display;
exposing the film media to the second color component image on the one flat panel display;
displaying a third color component image associated with the image on the one flat panel display; and
exposing the film media to the third color component image on the one flat panel display.

16. (Currently amended) The method of claim 15
wherein before exposing the film media to the one color component image,
further including the step of disposing a first color filter between the one flat panel display and the film media; and
wherein before exposing the film media to the second color component image,
further including the step of disposing a second color filter between the one flat panel display and the film media.

17. (Original) The method of claim 12, wherein the flat panel display is a display from the group: LCD, OLED display, plasma display, EL display, silicon crystal display, LCOS display.

18. (Currently amended) The method of claim 14 12 further comprising:

positioning a second flat panel display with respect to the optical axis of the film recording unit;

displaying a second color component image associated with the image on the second flat panel display;

exposing the film media to the second color component image on the second flat panel display;

positioning a third flat panel display with respect to the optical axis of the film recording unit;

displaying a third color component image associated with the image on the third flat panel display; and

exposing the film media to the third color component image on the third flat panel display.

19-22. (Canceled).

23. (Currently amended) The method of claim ~~45~~ 12 further comprising:

making a release print in response to the film media; and

displaying the release print to an audience.

24-35. (Canceled).

36. (New) The method of claim 23 further including the step of:

enhancing illumination while recording directly from the sequence of the composite images to intermediate media, including an internegative or interpositive, to minimize the number of required film transfer processes in making the release print.